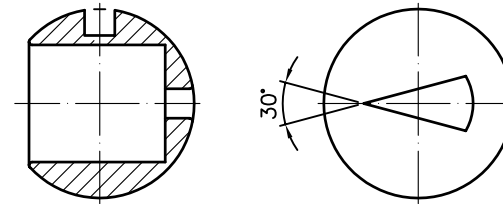
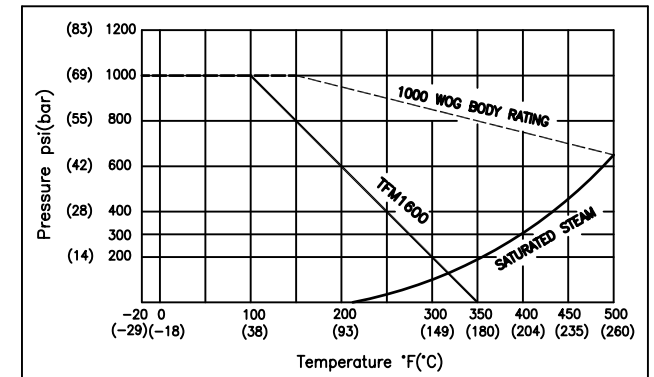


V-PORT BALL  
60° OPENING



V-PORT BALL  
30° OPENING

NO.	PART NAME	MATERIAL	Q'TY
1	Body	ASTM A351 Gr. CF8M	1
2	End Cap	ASTM A351 Gr. CF8M	2
3	Ball V-PORT	ASTM A351 Gr. CF8M	1
4	Anti Static Stem	SUS 316	1
5	Ball Seat	TFM1600	2
6	Body Seal	PTFE	2
7	Thrust Washer	PTFE	1
8	O-Ring	VITON	1
9	Stem Packing	PTFE	1
10	Thrust Washer	50/50 S.S.Filled PTFE	1
11	Stem Nut	SUS 304	1
12	Lock Saddle	SUS 304	1
13	Body Bolt	SUS 304	4
14	Bolt Washer	SUS 304	4
15	Bolt Nut	SUS 304	4



Differential Pressure	75 PSI		150 PSI		300 PSI		700 PSI		1500 PSI	
	5 BAR		10 BAR		20 BAR		50 BAR		100 BAR	
Valve Size	IN-LB	NM	IN-LB	NM	IN-LB	NM	IN-LB	NM	IN-LB	NM
1/2"	60	6.8	60	6.8	60	6.8	60	6.8	60	6.8
3/4"	80	9.0	80	9.0	80	9.0	80	9.0	80	9.0
1"	130	14.7	130	14.7	130	14.7	130	14.7	130	14.7
1-1/4"	160	18.1	160	18.1	160	18.1	180	20.3	190	21.5
1-1/2"	200	22.6	200	22.6	260	29.4	300	33.9	350	39.5
2"	300	33.9	375	42.4	400	45.2	450	50.8	480	54.2

SIZE	$\phi OD$	T	L	$\square E$	$\phi A$	$\phi B$	h	H
1/2"	15	NPT	75	9	F03	F04	8	51
3/4"	20		80	9	F03	F04	8	54
1"	25	PT	90	11	F04		10	64
1-1/4"	31	PF 2999	110	11	F04		10	69
1-1/2"	38		120	14	F05		13	88
2"	48		140	14	F05	F07	13	96



**APEX CONTROLS CO., LTD.**

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NO.	REASONS FOR CHANGE	DATE	VER.	01	Three-Piece High Cycle Direct Mount Ball Valve				
			SCALE	FREE					
			UNIT	mm	SIZE	1/2"~2"	MODEL	3-8T.3-8S.3-8B	
			INSPECTED BY	David	MAT'L	ASTM A351 Gr. CF8M	TYPE	G	
			DRAWN BY	Joanne	DATE	04/10/15	FILE	AG38-00002	